EM-6242 | Antenna, Directional 2x2 MIMO Slant Left/Right

Description

The EM-6242 is a compact, directional 2x2 MIMO antenna covering 1.6–2.7 GHz, designed for reliable, high-performance wireless connectivity. Supporting MANET radios, Wi-Fi, and cellular frequency bands, it delivers improved throughput, extended range, and enhanced link quality across tactical and commercial applications.

Specifications

Electrical

Frequency Range: 1.6GHz – 2.7GHz

Polarization: +/- 45º Slant Left/Right

VSWR: 2:1 Max, <1.5:1 Average

3dB Beamwidth: Azimuth 60º Typical

Elevation 60º Typical

Impedance: 50Ω, Nominal

Gain: 8dBi Typical

Isolation: -25dB Typical

Max Power: 15W CW

Connector: TNC Female (**EM-6242 |** 1.6-2.7GHz)

Type 'N' Female (**EM-6242 -1 |** 1.6-2.7GHz)

SMA Female (**EM-6242-2 |** 1.6-2.7GHz)

Mechanical

Dimensions:

Height: 6.25 in. (15.9 cm)

Width: 8.0 in. (20.3 cm)

Depth: 2.5 in. (6.4 cm)

Weight: 1.3 lbs. (0.6 kg)

Mounting Options Available:

-8/32 Flange for Wall Mount

Color Options:

- Light Gray (default)
- Custom colors available upon request

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.

MADE IN USA

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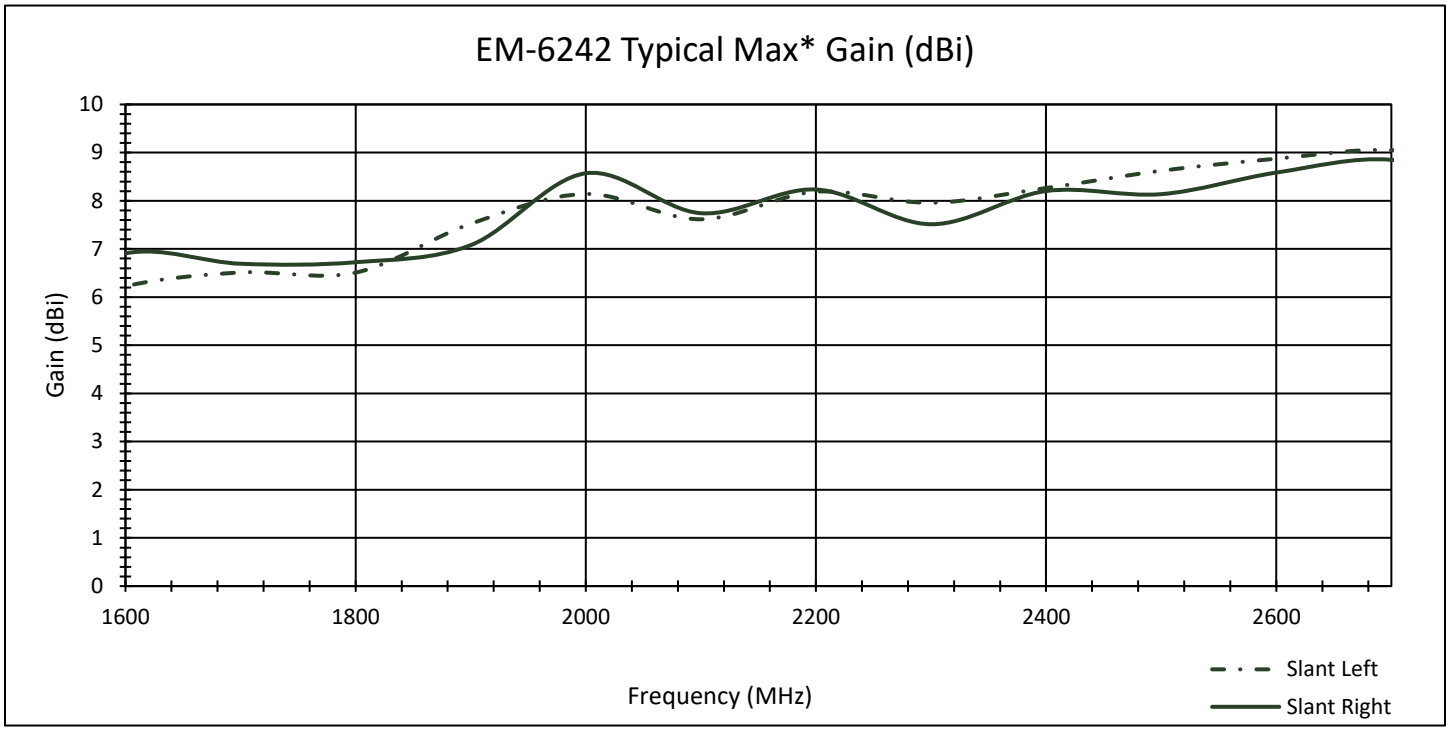

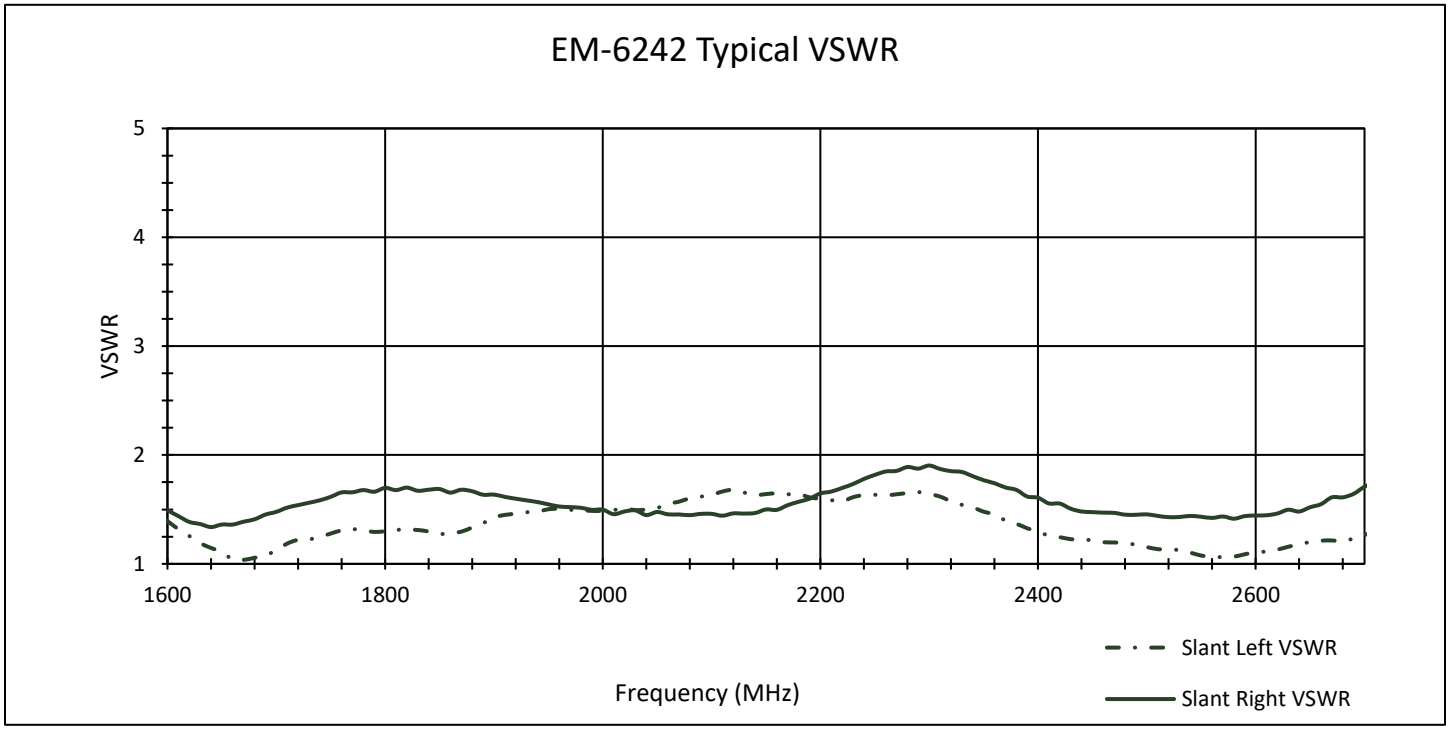

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*Maximum Gain determined from scans at all radiation angles and elevations. Data shown is typical, not guaranteed.

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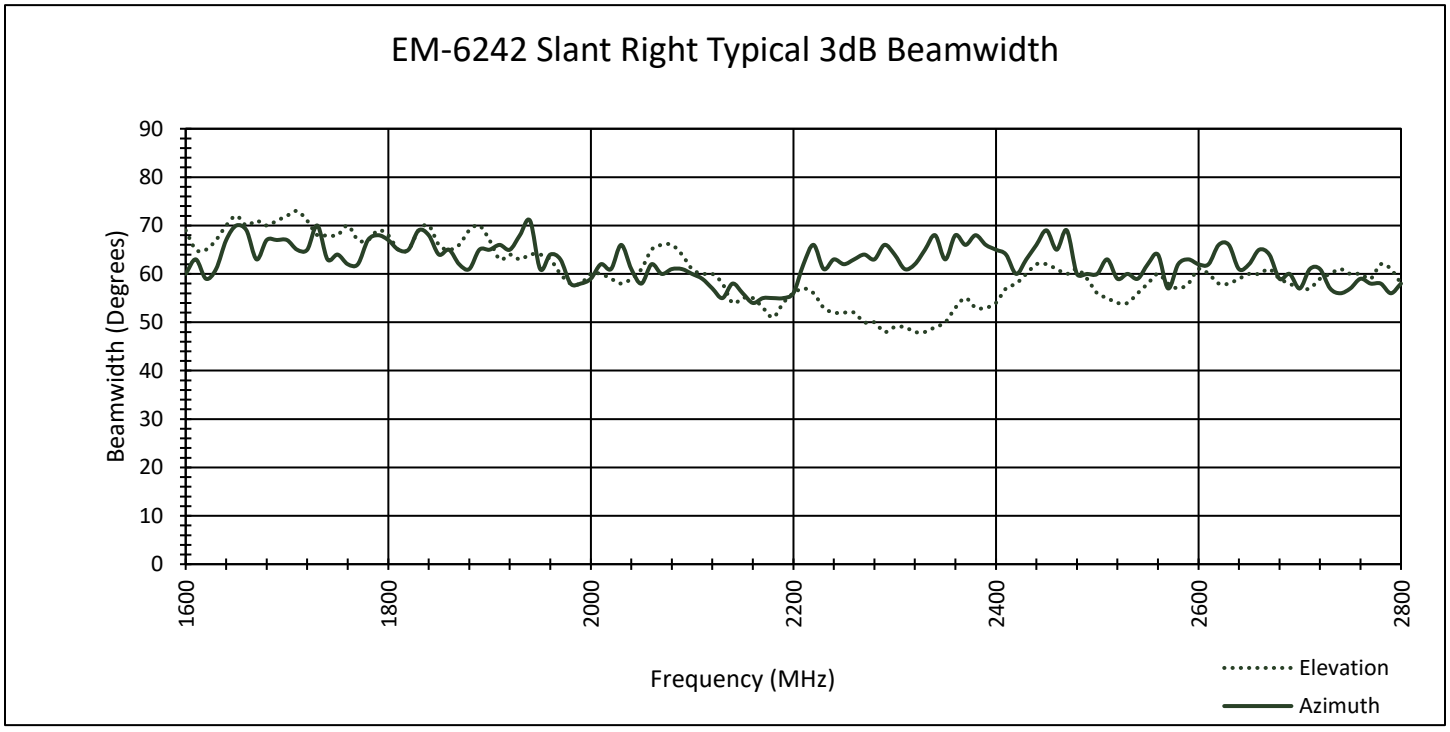

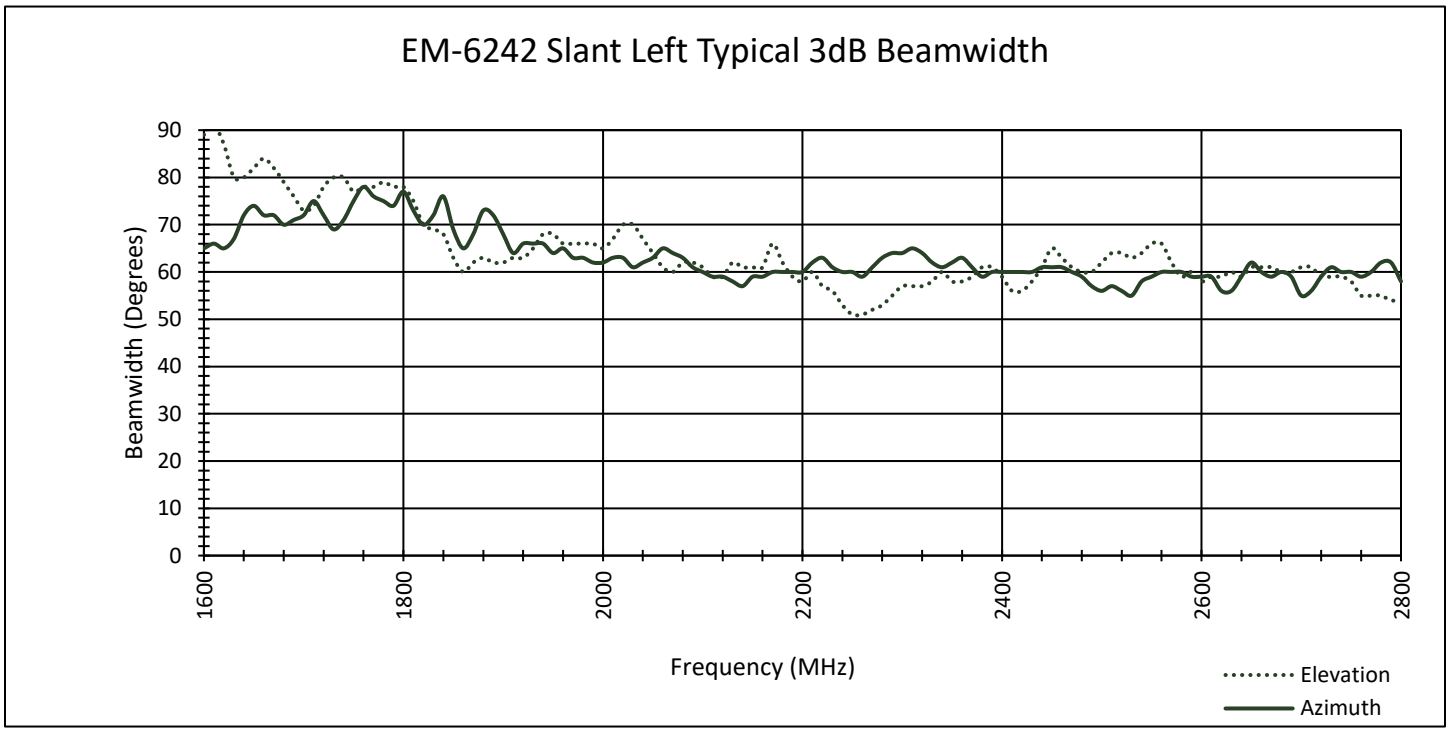

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